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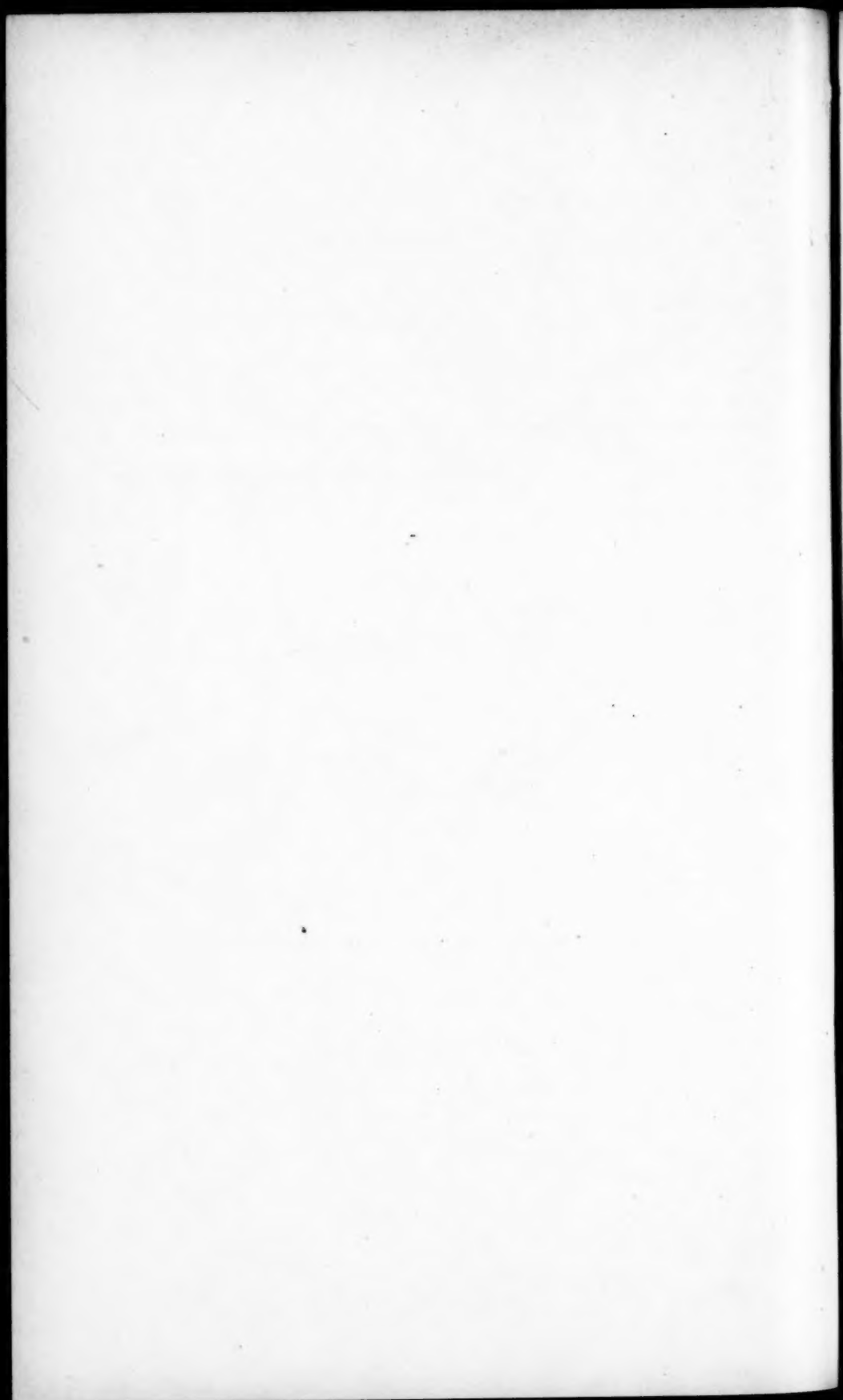
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PUBLIC HEALTH REPORTS.

UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

Reports from San Francisco, Cal.—Plague-prevention work at San Francisco, Oakland, and Point Richmond, and in Alameda and Contra Costa counties, Cal.

Passed Assistant Surgeon Blue reports:

SAN FRANCISCO, CAL.

Week ended January 2.

Date of last case	Sickened, January 30, 1908
Date of last case of rodent plague	October 23, 1908
Sick inspected	3
Plague	0
Dead inspected	112
Plague	0
Necropsy held	1
Premises inspected	9,012
Houses disinfected	5
Houses destroyed	2
Nuisances abated	648
Rats found dead	55
Rats trapped	1,841
Total rats taken	1,896
Rats identified:	
Mus norvegicus	1,172
Mus rattus	48
Mus musculus	636
Total	1,856
Rats identified as to sex	1,131
Male	454
Female	677
Rats examined bacteriologically	1,113
Plague rats	0
Poisons placed	67,958

OAKLAND, CAL.

Week ended December 26.

Dead inspected	31
Plague	0
Premises inspected	797
Nuisances abated	79
Premises cleaned	132

Garbage cans installed.....	117
Places made ratproof.....	2
Rats trapped.....	548
Rats examined bacteriologically.....	535
Plague rats.....	0
Mice trapped.....	50
Mice examined bacteriologically.....	50
Plague mice.....	0
Gophers received.....	1
Gophers examined bacteriologically.....	1
Plague gophers.....	0

POINT RICHMOND, CAL.

Week ended December 26.

Sick inspected.....	1
Plague.....	0
Dead inspected.....	4
Plague.....	0
Premises inspected.....	490
Nuisances abated.....	30
Rats found dead.....	22
Rats trapped.....	32
Rats examined bacteriologically.....	36
Plague rats.....	0
Poisons placed.....	14,000

ALAMEDA COUNTY, CAL.

Week ended December 26.

Sick inspected.....	9
Plague.....	0
Dead inspected.....	53
Plague.....	0
Necropsies held.....	1

CONTRA COSTA COUNTY, CAL.

Week ended December 26.

Dead inspected.....	4
Plague.....	0
Necropsies held.....	1

Report from Los Angeles, Cal.—Examination of animals for plague infection.

Passed Assistant Surgeon Stimson reports, December 30:

Animals examined in the laboratory at Los Angeles from December 21 to 26, 1908:

Ground squirrels.....	221
Gray rats.....	209
Black rats.....	18
Gambel pocket mouse.....	1
White rat.....	1
Rabbits.....	2

None of these animals were found to be infected with plague.

Report from Seattle, Wash.—Plague-prevention work.

Passed Assistant Surgeon Glover reports, January 4:

SEATTLE, WASH.

Week ended January 2.

Date of finding of last plague rat.....	September 26, 1908
Plague infected rats to date	21
Rats received	1,288
Rats necropsied	1,284
Plague rats	0
Vessels inspected.....	17
Vessels fumigated	1

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES
OF THE UNITED STATES—UNTABULATED.

CALIFORNIA.—Month of November, 1908. Estimated population, 2,019,519. Total number of deaths reported to the State board of health, 2,484, including diphtheria 40, enteric fever 55, measles 5, scarlet fever 16, whooping cough 3, smallpox 2, and 317 from tuberculosis.

Oakland.—Month of December, 1908. Estimated population, 200,000. Total number of deaths, 140, including diphtheria 2, enteric fever 2, and 9 from tuberculosis. Cases: Diphtheria 33, enteric fever 6, scarlet fever 7, smallpox 4, measles 1, and tuberculosis 4.

FLORIDA—*Pensacola.*—Month of December, 1908. Estimated population, 30,000. Total number of deaths 41, including 5 from tuberculosis.

ILLINOIS—*Alton.*—Month of December, 1908. Estimated population, 22,000. Total number of deaths 27, including 5 from tuberculosis. Cases: Diphtheria 4.

Quincy.—Month of December, 1908. Estimated population, 43,000. Total number of deaths 46, including enteric fever 1, and 5 from tuberculosis. Cases: Diphtheria 24, enteric fever 3, and scarlet fever 7.

INDIANA—*Anderson.*—Month of December, 1908. Estimated population, 26,000. Total number of deaths 16, including enteric fever 1, diphtheria 1, and 11 from tuberculosis. Cases: Smallpox 1, enteric fever 1, diphtheria 1, and tuberculosis 11.

Jeffersonville.—Month of December, 1908. Estimated population, 12,000. Total number of deaths 12, including enteric fever 4, and 1 from tuberculosis. Cases: Diphtheria 8, tuberculosis 1, enteric fever 16, and scarlet fever 1.

Muncie.—Month of December, 1908. Estimated population, 34,036. Total number of deaths 32, including 1 from tuberculosis. Cases: Enteric fever 2, scarlet fever 2, diphtheria 2, and tuberculosis 4.

IOWA—*Burlington.*—Month of December, 1908. Estimated population, 30,000. Total number of deaths 15, including 2 from tuberculosis. Cases: Scarlet fever 3, enteric fever 2, diphtheria 3, and measles 2.

Davenport.—Month of December, 1908. Estimated population, 40,000. Total number of deaths not reported. Deaths reported were: Diphtheria 3, measles 2, whooping cough 1, and 1 from tuberculosis. Cases: Enteric fever 1, scarlet fever 3, diphtheria 21, measles 234, whooping cough 2, and tuberculosis 1.

KENTUCKY—*Henderson.*—Annual report for the year 1908. Estimated population, 17,500. Total number of deaths 206, including enteric fever 6, scarlet fever 1, diphtheria 1, whooping cough 2, and 24 from tuberculosis. Cases: Smallpox 7, enteric fever 67, scarlet fever 9, diphtheria 2, measles 115, whooping cough 17, and tuberculosis 24.

MINNESOTA.—Month of September, 1908. Estimated population, 1,979,658. Reports to the State board of health show as follows: Total number of deaths, 1,752, including diphtheria 33, enteric fever 44, scarlet fever 6, whooping cough 9, and 146 from tuberculosis. Deaths reported from State institutions during the month numbered 27, including pneumonia 1, enteric fever 2, and 5 from tuberculosis.

NEW HAMPSHIRE—*Concord.*—Month of December, 1908. Estimated population, 20,000. Total number of deaths, 48, including 3 from tuberculosis. Cases: Diphtheria 9, and tuberculosis 3.

NEW JERSEY.—Reports to the State board of health for the month of December, 1908, show a total of 2,695 deaths, including diphtheria 34, enteric fever 31, measles 11, scarlet fever 24, whooping cough 6, diphtheria 68, and 323 from tuberculosis.

Elizabeth.—Three months ended December 26, 1908. Estimated population 60,509. Total number of deaths 241, including diphtheria 6, enteric fever 2, scarlet fever 1, and 25 from tuberculosis. Cases: Diphtheria 88, enteric fever 7, scarlet fever 26, and measles 3.

Paterson.—Month of October, 1908. Estimated population, 116,020. Total number of deaths 120, including diphtheria 2, enteric fever 1, and 20 from tuberculosis. Cases: Diphtheria 29, enteric fever 7, scarlet fever 24, and tuberculosis 20.

Month of November, 1908. Total number of deaths 122, including scarlet fever 1, and 12 from tuberculosis. Cases: Diphtheria 34, enteric fever 4, scarlet fever 34, and tuberculosis 21.

NEW YORK—*Saratoga Springs.*—Month of December, 1908. Estimated population, 11,822. Total number of deaths, 18, including enteric fever 1, diphtheria 2, and 1 from tuberculosis.

Schenectady.—Month of December, 1908. Estimated population, 77,666. Total number of deaths, 89, including scarlet fever 16, measles 2, and 4 from tuberculosis. Cases: Diphtheria 8, measles 5, scarlet fever 54, and tuberculosis 7.

OHIO—*Newark.*—Annual report for the year 1908. Estimated population, 31,792. Total number of deaths, 309, corresponding to an annual death rate of 9.72 per 1,000, including enteric fever 5,

measles 2, whooping cough 2, diphtheria 5, and 37 from tuberculosis. Cases: Diphtheria 45, measles 153, smallpox 3, scarlet fever 29, and enteric fever 17.

Zanesville.—Month of December, 1908. Estimated population, 30,000. Total number of deaths, 41, including 2 from tuberculosis. Cases: Scarlet fever 6, and diphtheria 3.

PENNSYLVANIA—*Altoona.*—Month of December, 1908. Estimated population, 60,000. Total number of deaths, 48, including 1 from tuberculosis. Cases: Diphtheria 12 and scarlet fever 10.

Sharon.—Annual report for year ended 1908. Estimated population, 7,500. Total number of deaths, 191, including diphtheria 1, scarlet fever 1, enteric fever 28, and 13 from tuberculosis.

WASHINGTON—*Seattle.*—Month of November, 1908. Estimated population, 276,562. Total number of deaths, 143, including diphtheria 2, enteric fever 4, measles 1, whooping cough 1, and 16 from tuberculosis. Cases: Diphtheria 68, measles 21, enteric fever 26, scarlet fever 30, smallpox 7, tuberculosis 7.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1908, to January 15, 1909.

For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
Arkansas:				
Little Rock.....	Dec. 15-Jan. 2.....	23	
Texarkana.....	Nov. 26-Dec. 18....	3	
Total for State.....		26	
California, general				
Los Angeles.....	Nov. 1-30.....	2	
Oakland.....	Dec. 6-Jan. 2.....	4	
Sacramento.....	Nov. 1-Dec. 31.....	6	
San Francisco.....	Nov. 1-30.....	15	
Stockton.....	Dec. 13-26.....	9	
	Nov. 1-30.....	12	
Total for State.....		46	2	
District of Columbia:				
Washington.....	Dec. 28-Jan. 2....	1	
Total for District.....		1	
Illinois:				
Belleville.....	Dec. 4-20.....	3	
Cairo.....	Jan. 7.....	12	
Chicago.....	Jan. 3-9.....	1	
Peoria.....	Dec. 20-26.....	4	
Total for State.....		20	
Indiana:				
Carroll County.....	Oct. 1-31.....	26	
Clay County.....	Oct. 1-31.....	8	
Dearborn County.....	Oct. 1-31.....	1	
Elkhart County.....	Oct. 1-31.....	1	
Madison County.....	Oct. 1-31.....	1	
Anderson.....	Dec. 1-31.....	1	
Sullivan County.....	Oct. 1-31.....	2	
Tippicanoe County.....	Oct. 1-31.....	4	
La Fayette.....	Dec. 15-Jan. 4....	11	1	
Vigo County.....	Oct. 1-31.....	1	
Total for State.....		56	1	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks
Kansas:				
Atchison County—				
Atchison	Dec. 20-26	1	
Barton County	Nov. 1-30	7	
Bourbon County	Nov. 1-30	1	
Brown County	Nov. 1-30	15	
Crawford County—				
Pittsburg	Nov. 1-Dec. 31	107	
Harvey County	Nov. 1-30	3	
Jackson County	Nov. 1-30	85	
Montgomery County	Nov. 1-30	11	
Pottawatomie County	Nov. 1-30	22	
Reno County	Nov. 1-30	2	
Riley County	Nov. 1-30	2	
Saline County	Nov. 1-30	16	
Shawnee County	Nov. 1-30	2	
Topeka	June 7-Jan. 2	12	
Sumner County	Nov. 1-30	5	
Wilson County	Nov. 1-30	5	
Total for State		296	
Kentucky:				
Covington	Dec. 29-Jan. 9	3	Year 1908.
Henderson	7	
Lexington	Dec. 28-Jan. 2	2	
Total for State		12	
Louisiana:				
New Orleans	Dec. 20-Jan. 2	2	
Total for State		2	
Maine:				
Cyr plantation	Oct. 16-24	11	
Frenchville	Nov. 11-Dec. 5	2	
Grand Isle (Grant Isle)	Oct. 16-Dec. 12	26	
St. Agatha	Oct. 24-Dec. 26	9	
St. David	Dec. 13-19	1	
Upper Frenchville	Oct. 25-Nov. 11	2	
Van Buren	Oct. 18-Jan. 2	62	
Total for State		113	
Michigan:				
Barry County	Nov. 1-30	2	
Delta County	Nov. 1-30	1	
Ingham County—				
Lansing	Nov. 1-30	6	
Macomb County	Nov. 1-30	1	
Manistee County	Nov. 1-30	2	
Muskegon County	Nov. 1-30	13	
St. Clair County	Nov. 1-30	1	
Port Huron	Nov. 1-30	2	
Total for State		28	
Minnesota:				
Becker County	Dec. 7-13	1	
Benton County	Oct. 26-Nov. 2	1	
Brown County	Oct. 20-Nov. 23	11	
Carver County	Dec. 7-13	6	
Cass County	Oct. 12-Dec. 7	1	
Chippewa County	Nov. 3-9	1	
Cottonwood County	Oct. 20-26	1	
Dodge County	Nov. 24-Dec. 7	2	
Faribault County	Dec. 7-13	1	
Hennepin County	Oct. 6-12	1	
Minneapolis	Nov. 1-30	8	
Hubbard County	Oct. 19-Dec. 7	11	
Jackson County	Dec. 7-13	1	
Lac qui Parle County	Nov. 2-Dec. 13	3	
Lyon County	Nov. 16-Dec. 13	2	
Morrison County	Nov. 20-Dec. 13	20	
Nicolett County	Nov. 16-Dec. 13	3	
Norman County	Dec. 7-13	5	
Pipestone County	Dec. 7-13	6	
Ramsey County	Nov. 16-Dec. 7	2	
St. Paul	Oct. 6-Dec. 13	57	
Renville County	Dec. 1-7	1	
St. Louis County	
Duluth	Nov. 9-16	2	
Sibley County	Dec. 7-13	9	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota—Continued.				
Stearns County.....	Nov. 9-Dec. 7.....	4		
Steele County.....	Oct. 20-Dec. 7.....	4		
Stevens County.....	Nov. 9-Dec. 13.....	12		
Todd County.....	Nov. 9-Dec. 13.....	3		
Wabasha County.....	Nov. 2-Dec. 7.....	10		
Wadena County.....	Nov. 2-Dec. 13.....	15		
Saseka County.....	Oct. 26-Dec. 7.....	9		
Washington County.....	Nov. 24-30.....	1		
Stillwater.....	Dec. 1-31.....	3		
Winona County.....	Dec. 1-7.....	1		
Winona.....	Dec. 1-7.....	4		
Yellow Medicine County..	Oct. 20-26.....	1		
Total for State.....		223		
Mississippi:				
De Soto County.....	Nov. 1-Dec. 22....	135		
Total for State.....		135		
Missouri:				
St. Louis.....	Dec. 20-26.....	2		
Springfield.....	Nov. 1-30.....	1		
Total for State.....		3		
Montana:				
Butte.....	Dec. 2-15.....	6		
Total for State.....		6		
Nebraska:				
Lincoln.....	Nov. 1-30.....	3		
South Omaha.....	Dec. 20-26.....	1		
Total for State.....		4		
New Hampshire:				
Hinsdale.....	Nov. 1-Dec. 15....	6		
West Chesterfield.....	Nov. 1-Dec. 15....	1		
Westmoreland.....	Nov. 1-Dec. 15....	1		
Total for State.....		8		
Ohio:				
Cincinnati.....	Dec. 12-Jan. 2.....	25		
Total for State.....		25		
Oregon:				
Clackamas County.....	Sept. 1-30.....	1		
Harney County.....	Sept. 1-30.....	1		
Jackson County.....	Oct. 1-31.....	1		
Linn County.....	Sept. 1-Oct. 31....	6		
Marion County.....	Sept. 1-Oct. 31....	3		
Multnomah County, Port- land.....	Nov. 1-30.....	29		
Polk County.....	Sept. 1-Oct. 31....	8		
Tillamook County.....	Oct. 1-31.....	1		
Umatilla County.....	Sept. 1-30.....	1		
Wallowa County.....	Oct. 1-31.....	1		
Washington County.....	Oct. 1-31.....	17		
Yamhill County.....	Sept. 1-30.....	7		
Total for State.....		75		
Pennsylvania:				
New Kingstown.....	Dec. 29.....			Present.
Philadelphia.....	Dec. 19-25.....	1		Imported.
Pittsburg.....	Dec. 13-19.....	1		
Total for State.....		2		
Tennessee:				
Knoxville.....	Dec. 28-Jan. 2.....	1		
Nashville.....	Dec. 20-26.....	1		
Total for State.....		2		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Texas:				
Cost	Oct. 1-Dec. 19			Present.
Fallfurrias	Dec. 26	12		
Laredo	Dec. 26	2		
Monthalia	Oct. 1-Dec. 19			Do.
Oak Forest	Oct. 1-Dec. 19			Do.
San Antonio	Dec. 13-Jan. 2	11		
Total for State		25		
Utah:				
Davis County	Nov. 1-30	5		
Weber County	Nov. 1-30	1		
Total for State		6		
Washington:				
Seattle	Nov. 1-30	7		
Spokane	Dec. 6-26	2		
Tacoma	Dec. 14-20	14		
Total for State		23		
Wisconsin:				
La Crosse	Dec. 13-Jan. 2	8		
Manitowoc	Dec. 13-19	4		
Milwaukee	Dec. 6-19	2		
Total for State		14		
Grand total for the United States		1,149	3	

Weekly morbidity and mortality table, cities of the United States.

[For smallpox and plague, see special tables.]

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.	Jan. 2	38,973	14		1			8		1					
Ann Arbor, Mich.	do	14,509		1											
Atchison, Kans.	do	15,722	3					3	1						
Baltimore, Md.	do	508,957		18	26	4	1	10		22	5	41			
Bath, Me.	do	10,477										1			
Bayonne, N. J.	do	32,722		1		1		6		3		10			
Berkeley, Cal.	Dec. 26	13,211	8			1						1			
Biddeford, Me.	Jan. 2	16,145	1												
Binghamton, N. Y.	do	38,647	8												
Boston, Mass.	do	560,892	227	61	30	28	3	68	1	76	5	36	1	22	1
Braddock, Pa.	do	15,654	6			3	1	3		1				2	
Bradford, Pa.	do	15,029	3												
Brockton, Mass.	do	40,063	6	1				3				5		5	
Cambridge, Mass.	do	91,886	26	8	3	4	1	20		12		6		9	1
Camden, N. J.	do	75,935	31	17		1		6		4		5			
Carbondale, Pa.	do	13,535	3					2							
Charlotte, N. C.	Dec. 25	18,091	8	1	2	1				3		1			
Do.	Dec. 31	18,091	9		1	3		1							
Chelsea, Mass.	Jan. 2	34,072	9	1	1					1				4	
Chicopee, Mass.	do	19,167	5	1	1			1							
Cincinnati, Ohio.	do	325,902	115	16	16		1	10		12	4	2		4	
Cleveland, Ohio.	Jan. 1	341,768	123	31	11	8		31		29	3	7		8	
Clinton, Mass.	Jan. 2	13,667	4		1	1	1								
Corning, N. Y.	do	11,061		1		1									
Covington, Ky.	do	42,938	16		1		2								
Danville, Ill.	Jan. 3	16,534	8			1	1	3		1		1			
Dayton, Ohio.	Jan. 2	85,333	28	1	5			2		2					
Detroit, Mich.	do	285,704	113					10	1	15					
Dunkirk, N. Y.	do	11,616	5	1	1			2						1	1
E. Liverpool, Ohio.	Dec. 26	16,485	4												
Do.	Jan. 2	16,485	5												
Elkhart, Ind.	do	15,184	4					3							

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Elmira, N. Y.	Jan. 2	35,672	13	1	1										
El Paso, Tex.	Dec. 29	15,905	18	1	2										
Erie, Pa.	Jan. 2	52,733	17	5		1		15						1	
Everett, Mass.	do	24,336	7		1			10		3					
Findlay, Ohio.	do	17,613	6		1										
Galesburg, Ill.	do	18,607	5					1		1					
Galveston, Tex.	Jan. 1	37,789	8	2						1					
Glens Falls, N. Y.	Jan. 2	13,543	1			1									
G'd Rapids, Mich.	do	87,565	15	1	1	1		11	1	2	1	2		3	
Greensboro, N. C.	do	10,035	4	1	2					1					
Harrison, N. J.	do	10,596	2	1	1										
Hartford, Conn.	Jan. 3	79,850	33	2	2	1	2	2	1	4				6	1
Haverhill, Mass.	Jan. 2	37,175	8	3				1		4	1			1	
Hoboken, N. J.	do	59,364				3		1		6		7			
Homestead, Pa.	Dec. 28	12,554	6					1				1			
Indianapolis, Ind.	Jan. 3	169,164	53		6		1	5		16	1	4			
Jacksonville, Fla.	Jan. 2	28,429	22		6	1		1		5					1
Johnstown, Pa.	do	35,936	29		1	17		10		5		6			
Kalamazoo, Mich.	do	24,404	7			1									
Kansas City, Kans.	Dec. 31	51,418	18		3	3	1	2		2					
Kearny, N. J.	Jan. 2	10,896	5					3		1				2	
Kingston, N. Y.	do	24,535	8												
Knoxville, Tenn.	do	32,637		3	1	1		1				9			
La Crosse, Wis.	Dec. 26	28,895	10					1		2	1				
Do.	Jan. 2	28,895	10		2			2							
La Fayette, Ind.	Jan. 4	18,116	3			1									
Lancaster, Pa.	Jan. 2	41,459	21					3		1	1			1	
Lawrence, Mass.	do	62,559	30					2		5	2	40	3		
Lexington, Ky.	do	26,369	16		3							1		1	
Los Angeles, Cal.	Dec. 26	102,479	61	7	16	3	1	12		3		2			
Lowell, Mass.	Jan. 2	94,969	39	4	2	1				3					1
Lynn, Mass.	do	68,513	24		4	2		4	1	11		1			
McKeesport, Pa.	Dec. 5	34,227	20		1	7				3		2	1	1	
Do.	Dec. 12	34,227	5		1	4				3		2		7	1
Do.	Dec. 19	34,227	10		1	1	1			2		1		13	
Do.	Dec. 26	34,227	8	1		1				2		2		2	
Do.	Jan. 2	34,227	12			2		2		1				1	
Malden, Mass.	do	33,664	9	4	2			6		9		2		1	
Manchester, N. H.	do	56,987	20	1	1			2		12	1				
Manitowoc, Wis.	do	11,786	2							1	1	1			
Mansfield, Ohio.	do	17,650								2					
Marquette, Wis.	do	16,195	2							1					
Marlboro, Mass.	do	13,609	1			1				1		1			
Massillon, Ohio.	do	11,944	1												
Medford, Mass.	do	18,244	5	2				6		2					
Montclair, N. J.	do	13,562	5					5				1			
Montgomery, Ala.	Jan. 1	30,346	11		1										
Moline, Ill.	Jan. 3	17,448	8												
Morristown, N. J.	Jan. 2	15,000	5					1							
Mt. Vernon, N. Y.	do	21,228		1	1					1		6			
Nanticoke, Pa.	Jan. 3	12,616	5	1	1	1				1					
Nashville, Tenn.	Jan. 2	80,865	38		3	1	1	8		4					
Newark, N. J.	do	246,070	100		12	1		44	1	19	2				
New Bedford, Mass.	do	63,442	33	2	3	3		3		4	2			3	
Newburyport, Mass.	do	14,478	6		2			2		3					
New London, Conn.	do	17,548	4	1	1			3		2				1	
New Orleans, La.	Dec. 26	178,104	140	9	16	9	4	8		14					
Do.	Jan. 2	278,104	144	10	16	8	2	6		9	1				
Newton, Mass.	do	33,587	14	6	2			7		5					
New York, N. Y.	do	3,437,202	1,344	361	172	48	12	296	19	392	36	363	16	24	3
Niagara Falls, N. Y.	do	19,457	7	2	2	18		3		3					
North Adams, Mass.	do	24,200	4		1										
Northampton, Mass.	do	18,643	2									2			
Orange, N. J.	do	24,141	6	2				2				2			
Ottumwa, Iowa.	do	18,197	9					1		1					
Palmer, Mass.	do	7,801								2	1				
Peoria, Ill.	Dec. 26	56,100	21	14		4	2	3		6					
Philadelphia, Pa.	do	1,293,697	474	84	48	38	3	89	2	87	15	57	1	8	3
Pittsburg, Pa.	do	321,616	156	12	9	13	3	24	3	15	4	32	1	6	1
Plainfield, N. J.	Jan. 2	15,369	2									3			

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Portland, Me.	Dec. 26	50,145	23				1	5	1	3					
Do.	Jan. 2	50,145	17		1	2	2	2	1	1				7	
Portsmouth, N. H.	do	10,637	3		1					2	1				
Providence, R. I.	do	175,597	60	2	5			5		30	2				
Racine, Wis.	do	29,102	5					2		1					
Richmond, Va.	Jan. 2	85,050	51	3	7	4		1				1		1	
Rock Island, Ill.	Dec. 26	19,493	2			3									
Do.	Jan. 2	19,493	5		1							6			
San Francisco, Cal.	Dec. 26	342,782	131	24	20	2	2	15	1	10	1	28	2	1	
Scranton, Pa.	do	102,026	32			1	1	9	2	5		14	1	1	
St. Louis, Mo. a.	do	575,238	180	36	17	5	3	23	2	73	6	23		3	
Do.	Jan. 2	575,238	189	46	23	3	2	32	1	71	3	86	1	4	
San Antonio, Tex.	do	53,321								7		1			
Shamokin, Pa.	do	18,202								2					
Somerville, Mass.	do	61,645	25	7	3	1		11		17	1				
South Bend, Ind.	do	35,999	13	2	2	1		1				5			
Spokane, Wash.	Dec. 26	38,848	24		5	3		7		10	2	2			
Springfield, Ill.	Dec. 31	34,159	11					2		2					
Do.	Jan. 7	34,159	14												
Springfield, Mass.	Jan. 2	62,059	24	2	2					8	2	12	1	1	
Springfield, Ohio.	do	38,253	11	4	1			1		1		1			
Steelton, Pa.	do	12,068	3							1					
Tacoma, Wash.	Dec. 20	37,714	16	2	3	4				2					
Do.	Dec. 27	37,714	14		1		1	2		3	1				
Do.	Jan. 2	37,714	9		1	1		1		3					
Taunton, Mass.	do	31,036	11	1	1									15	
Terre Haute, Ind.	do	36,673	19		2			2		1		11			
Titusville, Pa.	do	8,244	4					13							
Trenton, N. J.	Dec. 26	73,307				1	1			1					
Do.	Jan. 2	73,307		2		3		1							
Waltham, Mass.	do	23,481	8	1	2			16	1	3		7			
Warren, Pa.	Dec. 27	8,043	3												
Do.	Jan. 3	8,043	4												
Washington, D. C.	Dec. 26	278,718	110	20	12	10	1	12		13	1	80		1	
Do.	Jan. 2	278,718	100	22	16	21	3	14	2	8	1	92	1	1	
Wichita, Kans.	do	24,671						1		4	1				
Wilkes Barre, Pa.	Dec. 25	51,711	24		2			5		14	2	1		3	
Do.	Jan. 1	51,721	25	3	1	3		5	2	6	2	3		1	
Williamsport, Pa.	Jan. 2	28,757	5	1						2					
Winona, Minn.	do	19,714	4					1							
Woburn, Mass.	do	14,254	2												
Worcester, Mass.	do	118,421	33	3	4			14		11					

a The following entries in the weekly morbidity and mortality table, cities of the United States, Public Health Reports, January 1, 1909, are corrected to read as follows: St. Louis, Mo., week ended December 19, 1908, diphtheria 60 cases and 5 deaths, measles 33 cases and no deaths, whooping cough 3 cases and 1 death. Saginaw, Mich., week ended December 12, 1908, whooping cough no cases and no deaths.

FOREIGN AND INSULAR.

ALGERIA.

Deratization at Algiers--Rat fleas.

The following is taken from the *Bulletin Bimensuelle*, Algiers, December 15:

December 1-15: Rodents taken by the maritime sanitary service, 630; examined by the laboratory of health, 103; result negative. Classification of rats: *Mus norvegicus*, 577; *Mus rattus*, 29; *Mus alexandrinus*, 3; *Mus musculus*, 21.

Rat fleas determined.

<i>Pulex cheopis</i> , on <i>Mus norvegicus</i>	74
<i>Ctenopsylla musculi</i> on <i>Mus norvegicus</i>	29
<i>Pulex irritans</i> , on <i>Mus rattus</i>	3
<i>Ctenophallus serraticcps</i> , on <i>Mus alexandrinus</i>	2
<i>Ceratophyllus fasciatus</i> , on <i>Mus norvegicus</i>	5

BRAZIL.

Report from Rio de Janeiro--Inspection of vessels--Mortality--Plague and smallpox--Plague and smallpox at Bahia, January 1 to August 31, 1908.

Acting Assistant Surgeon Stewart reports, December 15:

Two weeks ended December 12. Vessels inspected and received bills of health: November 30, the Brazilian steamship *Acre* for New York, via Brazilian coast ports, in general cargo and with 63 cabin and 23 steerage passengers, and the entire crew shipped in this port, which is the home port; all members of crew were vaccinated when needed; December 1, the British steamship *Hillmere* for some southern port, in water ballast, via St. Lucia for orders, with no passengers and no change in personnel; December 3, the British steamship *Queen Eleanor* for New York, in cargo of coffee, no passengers, and 4 new members of the crew signed on in this port; December 4, the British steamship *Byron* for New York, in coffee cargo, with 19 cabin and 7 steerage passengers and no change in the crew personnel; December 5, the British steamship *Tintoretto* for New York, in coffee cargo, with no passengers and with no change in the crew personnel; December 10, the British steamship *Grecian Prince*, for New York, in coffee cargo, with no passengers and with no change in the crew personnel; and December 12 the British steamship *Phidias*, for New Orleans, in cargo of coffee, with no passengers and no change in the personnel of the vessel's crew.

No other vessels requiring inspection left this port for the United States during the period under report.

Mortality report for Rio de Janeiro—Plague and smallpox.—Week ended December 6. Total estimated population, 811,443; census population, 1907, 628,675. Total deaths, 426. No deaths nor cases reported caused by yellow fever. Plague caused 2 deaths, with 8 new reported cases; smallpox, 109 deaths, with 183 new reported cases, of which number 45 occurred in the suburbs. At the close of the week there were in the hospital São Sebastião 140 cases of smallpox and 21 cases of plague under treatment; in the hospital Engenho de Dentro, 109 cases of smallpox under treatment; in the hospital Paula Candido, 77 convalescent cases of smallpox.

Week ended December 13. Total deaths, 320. No cases nor deaths reported due to yellow fever. Smallpox caused 60 deaths with 115 new reported cases, of which number 30 occurred in the suburbs; plague, 4 deaths with 5 new reported cases. At the close of the week there were in the hospital São Sebastião 150 cases of smallpox and 21 cases of plague under treatment; in the hospital Engenho de Dentro 97 cases of smallpox, and in the hospital Paula Candido 29 convalescent cases of smallpox.

Plague, smallpox, and yellow fever at Bahia.—From January 1 to August 31, 1908, there were in the city of Bahia 2 deaths from yellow fever, 17 from bubonic plague, and 49 from smallpox.

CHINA.

Report from Shanghai—Inspection of vessels—Smallpox—Plague at Tongshan extinct.

Acting Assistant Surgeon Ransom reports, December 8:

During the week ended December 5, 1 original and 3 supplemental bills of health were granted to 4 steamships, having an aggregate personnel of 410. There were inspected 3 vessels, 207 members of crews, and 1 steerage passenger. The forecastles of 2 vessels were disinfected, and 97 members of crews were bathed. Their effects were disinfected by superheated steam. Manifests were viséed for 1,578 packages of freight.

Smallpox is still present in the settlement.

Plague is reported to have disappeared from Tongshan.

CUBA.

Report from Cienfuegos—Inspection of vessels.

Acting Assistant Surgeon Suarez reports, December 28:

Week ended December 26.

Vessels inspected	5
Bills of health issued	5
Members of crews inspected	128

No quarantinable diseases were reported.

Report from Habana—Inspection and fumigation of vessels—History of yellow fever cases at San Luis, Oriente Province—Sanitary measures taken.

Passed Assistant Surgeon Amesse reports, January 4:

Week ended January 2.

Vessels inspected.....	18
Bills of health issued.....	23
Members of crews of outgoing vessels inspected.....	1,624
Passengers of outgoing vessels inspected.....	2,260

Yellow fever reappeared in Cuba during this period, 2 cases having been reported from the town of San Luis, Oriente Province, 20 miles north of Santiago de Cuba.

Both patients were taken from a café near the railway station and isolated in the civil hospital at Santiago, where one case terminated fatally on December 31, the diagnosis being verified by autopsy.

Prompt measures were taken to locate the focus of infection, and a sanitary squad of 100 men was dispatched from Santiago to carry out the necessary fumigation.

Reports from Matanzas—Inspection of vessels.

Acting Assistant Surgeon Nuñez reports, December 21 and 28 and January 5:

Week ended December 19. Bills of health were granted to 3 vessels clearing for United States ports in good sanitary condition. No fumigations were performed. The health of the city and its vicinity continues good; no quarantinable diseases have been reported.

Week ended December 26. Bill of health issued to a sailing vessel clearing for Mobile, Ala., in good sanitary condition. No quarantinable diseases were reported.

Week ended January 2. Bills of health issued to 4 vessels bound for United States ports in good sanitary condition. The sanitary condition of this port and surrounding country continues good. No quarantinable diseases were reported during the week.

Report from Santiago—Inspection of vessels—House inspections.

Acting Assistant Surgeon Wilson reports, December 29:

Week ended December 26. Bills of health issued to 6 vessels bound for the United States. No vessel was fumigated. No quarantinable disease was reported.

The sanitary department reports for the week 3,021 inspections of houses; mosquito larvæ were found in only 3.

HAWAII.

Report from Honolulu—Examination of rats for plague infection.

Passed Assistant Surgeon Currie, plague laboratory, reports, through Temporary Chief Quarantine Officer Moore, December 19:

Week ended December 19.

Rats taken in Honolulu.....	974
Trapped in Honolulu.....	974
Found dead in Honolulu.....	0
Shot from trees in Honolulu.....	0
Examined bacteriologically.....	734
Showing plague infection.....	0

CLASSIFICATION OF RATS TRAPPED.

Mus rattus.....	146
Mus norvegicus.....	51
Mus alexandrinus.....	73
Mus musculus.....	704
Total classified.....	974
Average number of traps set daily.....	1,461

INDIA.

Report from Calcutta—Transactions of service—Cholera, plague, and smallpox—Plague in India and Bengal.

Acting Assistant Surgeon Eakins reports, December 10:

During the week ended December 5 a bill of health was issued to the steamship *Ince Bank* bound for Boston and New York with a total crew of 28, to the steamship *Khalip* bound for Galveston with a total crew of 55, to the steamship *Bechuana* bound for Boston and New York with a total crew of 50, to the steamship *Inverness* bound for Boston and New York with a total crew of 31 and 1 passenger, and to the steamship *Denbigh Hall* bound for Philadelphia and New York with a total crew of 58. The usual precautions were taken, the holds fumigated, rat guards placed on the wharf lines, and the Asiatics' effects disinfected.

During the week ended November 28 there were 11 deaths from cholera, 8 from plague, and 6 from smallpox in Calcutta. In Bengal there were 74 cases of plague with 54 deaths. In India during the same period there were 2,156 cases of plague with 1,646 deaths.

ITALY.

Report from Naples—Inspection of vessels—Emigrants recommended for rejection—Smallpox in Naples—Status of smallpox in Italy.

Assistant Surgeon Wollenberg reports, December 21:

Vessels inspected at Naples, Messina, and Palermo, week ended December 19.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Dec. 16	Italia.....	New York.....	123	12	320
16	Canopic.....	Boston.....	727	100	1,100
19	Simonside.....	Norfolk.....			
	Total.....		850	112	1,420

Vessels inspected at Naples, Messina, and Palermo, week ended December 19—Continued.

MESSINA.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Dec. 17	Italia	New York	54	13	74

PALERMO.

Dec. 18	Italia	New York	225	220	152
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Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Measles.	Other causes.	Total.
Dec. 16	Italia	14	6	2	22
16	Canopic	19	11	1	4	35
19	Simonside
	Total	33	17	1	6	57

MESSINA.

Dec. 17	Italia	6	1	7
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PALERMO.

Dec. 18	Italia	8	5	2	15
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Smallpox in Naples.—During the week ended December 20, there were 18 cases of smallpox and 4 deaths reported at the health office of the city of Naples. From the date of the introduction of the disease from Marseille, June 13, to the present date, the total number of cases has been 242, with 32 deaths. Section 34 (United States Quarantine Regulations), relating to steerage passengers and crews from districts where smallpox prevails in epidemic form or who have been exposed to smallpox, is being complied with.

Status of smallpox in Italy.—Week ended December 20.

Province of Reggio Calabria (Cinquefrondi) 2 cases, (Polistena) 1 case, (Tatrinoli) 1 case. Province of Rovigo (Pontecchio) 1 case, (Bosaro) 2 cases. Province of Girgenti (Ribera) 2 cases. Province of Belluno (Domegge) 1 case.

JAPAN.

Reports from Kobe—Inspection of vessels—Examination of emigrants.

Acting Assistant Surgeon Smith reports, December 10 and 15:

Week ended December 5. Supplemental bills of health granted to 5 steamships. There were inspected 160 members of crew and 100 steerage passengers, and there were bathed and disinfected, and had their effects disinfected by steam 135, bedding 114. Manifests were viséed for 70,891 pieces of freight, amounting to 5,060 tons.

Emigrants were examined as follows:

Per steamship *Iyo Maru* for Seattle. Passed 21; recommended for rejection 9. Per steamship *Nippon Maru* for Honolulu; passed 23; recommended for rejection 21. Per steamship *Nippon Maru* for San Francisco; passed 2; recommended for rejection none. The emigrants passed together with 10 intending passengers to Victoria by the steamship *Iyo Maru*, were inspected, bathed, and disinfected, and their effects disinfected before embarkation.

Week ended December 12. Supplemental bills of health granted to 4 steamships and original bill of health to 1 steamship.

There were inspected 70 members of crew and 398 steerage passengers; 56 members of crew and 45 steerage passengers were bathed and disinfected. Their effects were disinfected by steam. The number of pieces of baggage steamed was 235 and of bedding 90. Manifests were viséed for 73,576 pieces of freight, amounting to 3,654 tons.

Emigrants were examined as follows: Steamship *Siberia* for Honolulu, passed 44, recommended for rejection 13; steamship *Siberia* for San Francisco passed 1, recommended for rejection none.

PERSIA.

Report from Teheran—Cholera at Tabriz.

The following is received from Minister Jackson, under date of November 30:

About 10 days ago the American consul at Tabriz reported that cholera had broken out in Tabriz, and subsequently he stated that within the past few weeks there have been about 1,000 cases and 500 deaths. The matter was brought to the attention of various members of the sanitary council, the result being that the presence, but not the extent, of cholera as reported has been confirmed.

PHILIPPINE ISLANDS.

Reports from Manila—Status of cholera in Manila and the provinces—Improved conditions in cholera epidemic—Inspection of vessels.

Chief Quarantine Officer McClintic reports, November 24 and December 1:

Week ended November 21. Thirteen cases of cholera, with 8 deaths, were reported for the city of Manila.

The cholera situation in the city of Manila and in the provinces generally shows a gradual improvement. The few sporadic cases which

occurred in the city of Manila during the week were of a mild type and have shown no tendency to spread. A new house-to-house inspection has been ordered and will be continued until the city has been positively free from the disease for a considerable period.

PROVINCIAL CHOLERA.

Report of cases and deaths from cholera which occurred in the provinces during the period covered by this report:

Provinces.	Cases.	Deaths	Provinces.	Cases.	Deaths.
Rizal.....	12	12	Occidental Negros.....	32	19
Samar.....	44	27	Antique.....	16	11
Bulacan.....	19	18	Laguna.....	5	4
Leyte.....	3	3	Ilocos Norte.....	15	13
Ilocos Sur.....	23	12	Surigao.....	1
Pampanga.....	1	1	Cagayan.....	5	6
Capiz.....	86	48			
Cavite.....	17	11	Total.....	331	211
Iloilo.....	52	26			

During the week consular bills of health were issued at the port of Manila as follows:

November 15, the United States Army transport *Thomas*, with 188 in the crew and with 536 passengers, was granted a bill of health for San Francisco via Nagasaki and Honolulu. The crew and steerage passengers were bathed and their effects and baggage disinfected at the Mariveles quarantine station. The cargo and baggage were either disinfected or passed after inspection. All persons on board were inspected at the hour of sailing.

November 21, the British steamship *Indrawadi*, with 62 in the crew, en route from New York to Olongapo, was granted a supplemental bill of health.

November 21, the British steamship *St. Patrick*, with 47 in the crew, en route from Yokohama to New York, was granted a bill of health after the usual inspection of cargo and personnel.

Week ended November 28. Eleven new cases of cholera, with 10 deaths, were reported for the city of Manila.

PROVINCIAL CHOLERA.

Week ended November 28.

Province.	Cases.	Deaths.	Province.	Cases.	Deaths.
Rizal.....	2	1	Iloilo.....	21	12
Samar.....	31	25	Antique.....	22	8
Bulacan.....	6	8	Laguna.....	5	1
Leyte.....	6	3	Ilocos Norte.....	11	6
Ilocos Sur.....	11	7	Cagayan.....	11	8
Capiz.....	56	50			
Palawan.....	1	1	Total.....	187	134
Cavite.....	4	4			

During the week consular bills of health were issued at the port of Manila as follows:

November 23, the British steamship *Benavon*, with 43 in the crew, en route from Yokohama to Cebu, was granted a supplemental bill of

health. November 26, the British steamship *Titan*, with 90 in the crew, en route from London to Seattle and Tacoma, was granted a supplemental bill of health after the usual inspection of cargo and personnel. November 27, the United States steamship *Yankton*, with 104 in the crew, was granted a bill of health for Hampton Roads. November 27, the United States army transport *Dix*, with 147 in the crew and with 6 passengers, was granted a bill of health for Seattle via Nagasaki. The personnel and cargo were inspected and certified at the hour of sailing. November 27, the United States steamship *Culgoa*, with 121 in the crew, was granted a bill of health for Hampton Roads. November 27, the British steamship *Kaifong*, with 63 in the crew and with 46 passengers, en route from Amoy to Cebu and Iloilo, was granted a supplemental bill of health. The crew and steerage passengers were bathed and their effects disinfected at Mariveles. November 27, the British steamship *Changsha*, with 73 in the crew and with 135 passengers, en route from Hongkong to Zamboanga, was granted a supplemental bill of health.

RUSSIA.

Report from Libau—Status of cholera at St. Petersburg—Proposed cholera measures—Examination of emigrants.

Acting Assistant Surgeon De Forrest reports, December 25:
Cholera is reported at St. Petersburg as follows:

Date.	Cases.	Deaths.	Date.	Cases.	Deaths.
December 15	17	4	December 20 (no report)		
December 17	9	5	December 21	14	1
December 18	19	2	December 22	6	4
December 19	9	8	December 23	15	4

The sanitary commission at St. Petersburg proposes to institute an anti-cholera campaign and to construct barracks for cholera patients. Disinfectants have been pumped into the infected water mains in such quantities that the water has become fetid.

Three hundred and eight emigrants for the United States by the steamship *Estonia* sailing December 29 have been personally examined by me.

FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.

AFRICA—*Sierra Leone—Freetown.*—Month of November, 1908. Estimated population, 40,000. Total number of deaths, 78. No deaths from contagious diseases reported.

ARGENTINA—*Rosario de Santa Fe.*—Month of October, 1908. Estimated population, 154,663. Total number of deaths, 324, including diphtheria 3, measles 2, and 37 from tuberculosis.

AUSTRIA-HUNGARY—*Brünn.*—Month of October, 1908. Estimated population, 108,944. Total number of deaths, 224, including tuberculosis 44, and 1 from diphtheria.

AZORES—St. Michaels.—Month of October, 1908. Estimated population, 131,183. Total number of deaths, 315, including enteric fever 3, diphtheria 1, whooping cough 6, and 4 from tuberculosis.

BRAZIL—Bahia.—Month of August, 1908. Estimated population, 265,000. Total number of deaths, 454, including smallpox 8, yellow fever 1, plague 5, and 70 from tuberculosis.

São Paulo, Santos, and Campinas.—Five weeks ended December 6, 1908. Estimated population, 300,000. Total number of deaths, 1,072, including measles 5, enteric fever 9, smallpox 31, whooping cough 4, diphtheria 7, and 84 from tuberculosis.

CANADA—Quebec—Sherbrooke.—Month of November, 1908. Estimated population, 14,709. Total number of deaths, 17, including enteric fever 1, diphtheria 2, and 4 from tuberculosis.

Nova Scotia—Yarmouth.—Month of December, 1908. Estimated population, 6,700. Total number of deaths, 13, including 1 from diphtheria. Cases: Scarlet fever 1, diphtheria 3, and smallpox 1.

COSTA RICA—San Jose.—Month of November, 1908. Estimated population, 26,682. Total number of deaths, 55, including 6 from tuberculosis.

FRANCE—St. Etienne.—Two weeks ended December 15, 1908. Estimated population, 150,000. Total number of deaths, 135, including enteric fever 2, whooping cough 1, diphtheria 1, and 13 from tuberculosis.

GREAT BRITAIN—England and Wales.—The deaths registered in 76 great towns in England and Wales during the week ended December 19, 1908, correspond to an annual rate of 15.3 per 1,000 population, which is estimated at 16,234,952.

London.—One thousand three hundred and fifty-nine deaths were registered during the week, including measles 51, scarlet fever 14, diphtheria 24, enteric fever 14, whooping cough 4, tuberculosis 123, and 19 from diarrhea. The deaths from all causes correspond to an annual rate of 14.8 per 1,000. In Greater London 1,940 deaths were registered. In the "outer ring" the deaths included 5 from measles, 1 from scarlet fever, 5 from diphtheria, and 4 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended December 19, 1908, in the 21 principal town districts of Ireland was 19.3 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Lurgan, viz, 4.4, and the highest in Portadown, viz, 36.2, per 1,000.

Scotland.—The deaths registered in 8 principal towns during the week ended December 19, 1908, correspond to an annual rate of 16.6 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Perth, viz, 26.7, and the lowest in Leith, viz, 13.6 per 1,000. The aggregate number of deaths

registered from all causes was 585, including measles 2, diphtheria 8, scarlet fever 3, and 22 from whooping cough.

MAURITIUS—Port Louis.—Month of September, 1908. Estimated population, 376,635. Total number of deaths 1,020, including enteric fever 8, measles 5, plague 13, diphtheria 1, and 68 from tuberculosis.

SPAIN—Almeria.—Month of November, 1908. Estimated population, 50,000. Total number of deaths, 97, including enteric fever 6, diphtheria 1, and 4 from tuberculosis.

Huelva.—Month of November, 1908. Estimated population, 24,000. Total number of deaths, 73, including enteric fever 1, measles 1, and 16 from tuberculosis.

Madrid.—Month of November, 1908. Estimated population, 556,663. Total number of deaths, 1,136, including diphtheria 28, enteric fever 15, measles 26, scarlet fever 10, whooping cough 1, smallpox 9, and 109 from tuberculosis.

URUGUAY—Montevideo.—Month of October, 1908. Estimated population, 252,000. Total number of deaths, 423, including enteric fever 1, measles 4, scarlet fever 1, diphtheria 3, and 71 from tuberculosis.

Cholera, yellow fever, plague, and smallpox, from December 26, 1907, to January 15, 1909.

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State, and from other sources.]

[For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Nov. 15-21.....	9	5	
India:				
Calcutta.....	Nov. 1-28.....		38	
Madras.....	Nov. 14-Dec. 4.....		41	
Negapatam.....	Oct. 31-Nov. 6.....		1	
Rangoon.....	Nov. 8-28.....		7	
Indo-China—Cholen.....	Nov. 9-15.....	1	1	
Persia:				
Tabreez.....	Oct. 24-Nov. 30...	1,000	500	
Philippine Islands:				
Manila.....	Nov. 1-28.....	70	47	
Provinces—				
Antique.....	Nov. 1-28.....	98	55	
Bataan.....	Nov. 1-7.....	1	1	
Bulacan.....	Nov. 1-28.....	47	40	
Capiz.....	Nov. 1-28.....	399	215	
Cagayan.....	Nov. 1-28.....	28	23	
Cavite.....	Nov. 1-28.....	52	36	
Ilocos Norte.....	Nov. 1-28.....	113	90	
Ilocos Sur.....	Nov. 1-28.....	117	72	
Iloilo.....	Nov. 1-28.....	216	112	
La Laguna.....	Nov. 1-28.....	51	35	
Leyte.....	Nov. 1-28.....	15	10	
Negros Occidental.....	Nov. 1-28.....	142	97	
Palawan.....	Nov. 1-28.....	7	4	
Pampanga.....	Nov. 1-28.....	3	3	
Rizal.....	Nov. 1-28.....	71	60	
Samar.....	Nov. 1-28.....	109	83	
Surigao.....	Nov. 15-21.....	1		
Union.....	Nov. 1-7.....	6	4	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia, general.....	Nov. 15-Dec. 12....	925	397	Dec. 1, one case is reported present, 1 at Dorpat, and 3 cases at Riga. From 1 to 4 cases are reported weekly from the following places: Poltava, Schuscka, Dnjeprrowsk (Simferopol), Alupka, Galitsch (Kostroma), Blysk, Smeinogorsk, Krivan, Barnoul, Pokrowsk, Jusowska, Etschmiadsin, and Dorpat.
Amolinsk.....	Nov. 15-21.....	15	13	
Bakoo.....	Nov. 22-28.....	3	2	
Bakoom.....	Nov. 15-21.....	4	2	
Cronstadt.....	Nov. 15-21.....	1	1	
Don, territory of.....	Nov. 15-28.....	42	19	
Ekaterinislav.....	Nov. 15-28.....	19	8	
Kerson.....	Nov. 15-21.....	1	
Kief.....	Nov. 15-Dec. 5.....	7	
Kooban.....	Nov. 15-Dec. 5.....	96	52	
Livonia.....	Nov. 15-21.....	2	1	
Odessa.....	Nov. 29-Dec. 5.....	1	1	
Olonets.....	Nov. 21-28.....	1	1	
Saratov.....	Nov. 15-28.....	5	4	
Stavropol.....	Nov. 15-21.....	1	
St. Petersburg, government.....	Nov. 15-Dec. 12....	11	3	
St. Petersburg.....	Nov. 29-Dec. 19....	455	141	
Tambov.....	Nov. 15-28.....	11	5	
Taurida.....	Nov. 15-28.....	9	5	
Terek, territory of.....	Nov. 15-28.....	78	47	
Tiflis.....	Nov. 15-21.....	9	4	
Tomsk.....	Nov. 15-28.....	64	22	
Tver, district.....	Nov. 15-21.....	3	
Yelisavetpol.....	Nov. 26-28.....	4	10	
Straits Settlements:				
Singapore.....	Nov. 8-22.....	38	

YELLOW FEVER.

Barbados:				
Bridgetown.....	Dec. 12-29.....	2	2	
Brazil:				
Manaos.....	Nov. 29-Dec. 19....	3	
Para.....	Nov. 22-Dec. 26....	13	13	
Cuba:				
Oriente province—				
San Luis.....	Jan. 1-2.....	2	1	
Ecuador:				
Guayaquil.....	Nov. 29-Dec. 12....	4	
Martinique:				
Fort de France.....	Dec. 13-19.....	1	
Mexico:				
Itzincal plantation.....	Dec. 6-12.....	2	2	
Maxcanu.....	Dec. 6-26.....	2	2	
Merida.....	Dec. 6-26.....	7	5	
Sodzil plantation.....	Dec. 13-26.....	6	4	
Veracruz.....	Dec. 6-26.....	9	3	
Ytzincab.....	Dec. 18.....	2	
				Aug. 22-Dec. 13, 5 cases not previously reported.

PLAGUE.

Australia:				
Brisbane.....	Nov. 1-7.....	1	1	
Brazil:				
Pernambuco.....	Nov. 1-15.....	3	
Rio de Janeiro.....	Nov. 16-Dec. 13....	31	14	
Chile:				
Iquique.....	Nov. 22-28.....	1	1	
China:				
Tientsin.....	Oct. 18-Nov. 21....	Still present.
Tongshan.....	Nov. 1-14.....	Present
Ecuador:				
Guayaquil.....	Nov. 29-Dec. 12....	3	
Milagro.....	Nov. 17-30.....	11	6	
Egypt:				
Alexandria.....	Nov. 14-Dec. 4.....	3	
Port Said.....	Dec. 4.....	1	
Provinces—				
Assiout.....	Dec. 2-8.....	1	1	
Beherah.....	Nov. 24-Dec. 10....	7	
Garbleh.....	Nov. 27-28.....	3	
Girgeh.....	Oct. 18-Dec. 10....	1	
Fayoum.....	Nov. 23-Dec. 1.....	1	1	
Menouf.....	Nov. 27-Dec. 8.....	116	22	
India:				
Bombay Presidency and Sind.....	Nov. 2-21.....	3,805	2,691	
Madras Presidency.....	Nov. 2-21.....	252	172	
Bengal.....	Nov. 2-21.....	235	209	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
United Provinces.....	Nov. 2-21.....	117	93	
Punjab.....	Nov. 2-21.....	1,085	876	
Burma.....	Nov. 2-21.....	90	87	
Central provinces, including Berar.	Nov. 2-21.....	500	403	
Coorg.....	Nov. 2-21.....	5	3	
Mysore State.....	Nov. 2-21.....	683	451	
Hyderabad State.....	Nov. 2-21.....	156	135	
Central India.....	Nov. 2-21.....	292	235	
Rajputana.....	Nov. 2-21.....	196	202	
Grand total.....		7,596	5,606	
Indo-China:				
Cholen.....	Oct. 25-Nov. 21.....	10	9	Including Chuquan.
Saigon.....	Oct. 25-Nov. 28.....	4	4	
Japan:				
Formosa.....	Nov. 8-14.....	17	5	
Mauritius.....	Oct. 2-29.....		27	
Peru:				
Callao.....	Nov. 13-19.....	2		
Chiclayo.....	Nov. 13-19.....	3	2	
Eten.....	Nov. 13-19.....	3	3	
Ferrenafe.....	Nov. 13-19.....	3	1	
Lima.....	Nov. 13-19.....	6	3	
Mollendo.....	Nov. 13-19.....	2	1	
Monsefu.....	Nov. 13-19.....	2		
San Jose (Lambayeque).....	Nov. 13-19.....	1		
San Pedro.....	Nov. 13-19.....	2	1	
Trujillo.....	Nov. 13-19.....	6	1	
Siam:				
Bangkok.....	Sept. 27-Oct. 24.....	5	1	
Turkey in Asia:				
Bagdad.....	Nov. 6-Dec. 5.....	14	5	

SMALLPOX.

Arabia:				
Aden	Nov. 25-Dec. 7.....		25	
Brazil:				
Pernambuco	Nov. 1-15.....		22	
Rio de Janeiro.....	Nov. 16-Dec. 13.....	718	369	
Santos.....	Nov. 1-Dec. 6.....		9	
Sao Paulo.....	Nov. 1-Dec. 6.....		22	
Canada:				
British Columbia—				
Victoria.....	Dec. 12.....	25	4	
Manitoba—				
Winnipeg.....	Dec. 20-Jan. 2.....	3		
Ontario—				
Toronto.....	Nov. 8-28.....	7		
Nova Scotia—				
Halifax.....	Dec. 13-Jan. 2.....	5		
Yarmouth.....	Dec. 1-31.....	1		
Ceylon:				
Colombo	Nov. 1-21.....	62	13	
China:				
Amoy.....	Oct. 11-Nov. 8.....		2	Present.
Shanghai.....	Nov. 11-Dec. 5.....			
Cuba:				
Habana.....	Dec. 26.....	1		On s. s. Floride.
Egypt:				
Cairo.....	Nov. 19-Dec. 9.....	9	5	
France:				
Paris	Nov. 22-Dec. 12.....	8	1	
Greece:				
Athens.....	Nov. 22-Dec. 12.....		3	
Great Britain:				
Bristol.....	Dec. 13-19.....	1		
India:				
Bombay.....	Nov. 25-Dec. 8.....		2	
Calcutta.....	Nov. 1-28.....		11	
Madras.....	Nov. 28-Dec. 4.....	1		
Rangoon.....	Nov. 22-28.....	1		
Indo-China:				
Cholen.....	Nov. 15-21.....	1	1	
Saigon.....	Nov. 1-28.....	2		

Cholera, yellow fever, plague, and smallpox—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Italy, general	Nov. 30-Dec. 20...	36	Epidemic.
Florence	Nov. 24-30	2	
Genoa	Dec. 1-15	1	
Naples	Dec. 7-20	36	10	
Polesella	Dec. 1	
Japan:				
Formosa	Nov. 29-Dec. 5...	3	
Java:				
Batavia	Nov. 1-28	10	On vessel.
Malta	Nov. 22-28	1	
Mexico:				
Mexico City	Nov. 8-Dec. 5	22	
Norway:				
Christiania	Nov. 22-28	1	1	
Persia:				
Teheran	Sept. 18-Oct. 27	10	
Peru:				
Salaverry	Nov. 19-25	1	
Philippine Islands:				
Manila	Nov. 1-14	2	2	
Portugal:				
Lisbon	Nov. 30-Dec. 19	5	
Russia:				
Moscow	Nov. 29-Dec. 12	49	12	
Riga	Nov. 29-Dec. 19	4	
St. Petersburg	Nov. 15-Dec. 12	16	4	
Warsaw	Nov. 1-28	10	
Servia:				
Belgrade	Dec. 6-12	2	
Spain:				
Barcelona	Dec. 6-19	4	
Madrid	Nov. 1-30	9	
Valencia	Nov. 29-Dec. 19	7	3	
Vigo	Nov. 30-Dec. 5	1	
Turkey in Asia:				
Adalia	Sept. 24-27	2	
Turkey in Europe:				
Constantinople	Dec. 7-20	21	

Weekly mortality table, foreign and insular cities.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Aberdeen	Dec. 19	178,210	60	1	2
Agua Calientes	Dec. 20	40,000	30	2	1
Do	Dec. 27	40,000	44	2	3	1
Aix-la-Chapelle	Dec. 5	158,667	55	7	2
Amsterdam	Dec. 19	565,222	122	11	1	3	4
Athens	Dec. 5	241,058	51	11	2
Do	Dec. 12	241,058	95	11	1	3
Bagdad	Nov. 21	250,000	2
Do	Nov. 28	250,000	2
Barcelona	Dec. 19	600,000	284	22	1	4	18	4	2
Barranquilla	Dec. 5	40,000	26	2	1
Do	Dec. 12	40,000	14	2
Basel	do	131,000	25	1
Belfast	Dec. 19	380,344	144	23	2	1
Belize	Dec. 24	9,113	3
Bergen	Dec. 12	87,749	26	4	4
Berlin	Dec. 5	2,108,777	567	74	1	14	16	7
Do	Dec. 12	2,108,777	559	86	1	16	11	4
Birmingham	Dec. 19	558,336	145	1	1	4	5
Bluefield	do	2,500	2	2
Bombay	Dec. 8	977,822	629	49	7	1	1
Brussels	Dec. 12	630,078	192	34	1	2	1
Cairo	Dec. 9	692,657	411	31	3	2	4	13
Calcutta	Nov. 14	847,796	445	25	5	8	2
Do	Nov. 21	847,796	433	22	5	12	2
Do	Nov. 28	847,796	409	22	8	11	6

Weekly mortality table, foreign and insular cities -Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough
Cartagena	Dec. 5	30,000	13	2										
Do	Dec. 13	30,000	11											
Do	Dec. 20	30,000	9											
Ceiba	Dec. 19	6,500	1											
Cholon	Oct. 31	15,000												
Do	Nov. 15	15,000			4									
Do	Nov. 21	15,000			3	1								
Cienfuegos	Dec. 19	37,000	10		2			1						
Do	Dec. 26	37,000	11	1										
Cognac	Dec. 19	19,483	3											
Colon	Dec. 20	16,000	15											
Constantinople	Dec. 13	1,000,000	328	31				15		13			1	
Damascus	Dec. 5	250,000	47											
Dresden	Dec. 12	545,200	150	11						2		1	5	1
Dundee	Dec. 19	161,173	55									1		
Durban	Nov. 28	60,972	17	3										
East London	do	49,253	12	1										
Do	Dec. 5	49,253	8	1										
Fiume	Dec. 21	49,500	24	12										
Flushing	Dec. 19	20,257	5											
Fort de France	do	27,069	18											
Frontera	Dec. 12	9,000	6											
Do	Dec. 19	9,000	5											
Geneva	Dec. 5	118,500	30	8										
Georgetown	Dec. 12	56,000	55	8							1			
Gothenburg	do	160,500	41	8								4		2
Greenock	Dec. 19	71,783	24									1		
Guayaquil	Dec. 5	75,000	62	9	1		3		1					1
Do	Dec. 12	75,000	67	14	2			1						
Halifax	Dec. 28	40,757	15	3					1			3		
Hamburg	Dec. 19	854,472	250	29					1		8	1	6	6
Hamilton, Bermuda	Dec. 28	20,206	5											
Havre	Dec. 12	132,430	70	11										
Hilo, Hawaii	do	3,500	5	1										
Honolulu, Hawaii	do	39,306	8	1										
Kobe	Dec. 5	363,593	147											
Lausanne	do	56,000	11							6				
Liverpool	Dec. 19	753,203	235								1	5	3	6
London	do	4,795,757	1,359	123						14	14	24	51	4
Lubeck	Dec. 12	96,000	32	4										2
Do	Dec. 19	96,000	33	5								3		1
Madras	Nov. 27	509,346	434			15							1	
Do	Dec. 4	509,346	416			4		1					2	
Manaos	Dec. 5	50,000	30											
Manchester	Dec. 19	649,251	243				2		2		5	4	8	5
Manzanillo	do	8,000	2	1										
Matamoros	do	8,000	5											
Do	Dec. 26	8,000	4											
Mazatlan	Dec. 12	22,000	27											
Milan	Nov. 29	900,000	205	38						4				
Do	Dec. 6	900,000	212	36						5			1	
Moncton, N. B.	Dec. 28	13,500	6	2										
Monrovia	Nov. 21	7,000	4											
Do	Nov. 28	7,000	6											
Monterey	Dec. 27	100,000	46	4										
Montreal	Dec. 19	378,856	140	15						6	1	4	4	
Munich	Dec. 12	556,000	196	30							3	2	1	1
Nantes	Dec. 20	133,247	45	9						1				
Newcastle-on-Tyne	Dec. 19	272,961	120									2	1	1
Nuevo Laredo	Dec. 26	8,000	3	1										
Patras	Dec. 15	40,000	27	5							6	3		
Plymouth	Dec. 19	122,113	40											
Port Elizabeth	Dec. 5	32,959	22	3										
Port of Spain	Dec. 12	60,000	42	8										
Rangoon	Nov. 28	252,155	154	10	2	1		1						
Rio de Janeiro	Nov. 22	811,443	413	79	4			116		1			1	1
Do	Nov. 29	811,443	365	57	4			84		1	1	4	7	
Rotterdam	Dec. 19	411,027	135							1	4	2		
Saigon	Oct. 31	37,465			1									
Do	Nov. 7	37,465			2									
St. Petersburg	Dec. 14	1,678,000	690	100		48		2		12	25	16	11	11
San Feliu de Guixols	Dec. 19	11,094	5											
Santa Cruz de Tenerife	Dec. 12	46,000	14	2										
Santiago de Cuba	Dec. 19	45,497	17	3								1		
Do	Dec. 26	45,497	13	1										

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Santos	Nov. 22	75,000	37	3				2		1				
Singapore	do	260,000	306	31		10				4				
Southampton	Dec. 22	122,196	31	4								1		1
South Shields	Dec. 19	115,535	35								1			1
Stettin	Dec. 12	230,000	68	1								1	2	
Stockholm	Dec. 5	337,460	83	14						1				1
Teheran	Oct. 27	220,000	222	14				10		43	7	11	8	6
Turin	Dec. 13	373,701	153	16						1	1			
Vevey	Dec. 5	14,000	2							1				
Victoria, B. C.	Dec. 26	27,500	7	1										
Vienna	Dec. 12	2,042,426	637	87						1	6	4	13	7
Vigo	Dec. 19	40,000	17	4										
Warsaw	Nov. 21	751,595	254	56				2		2	7	6	13	
Do	Nov. 28	751,595	266	46				3		5	7	1	14	1
West Hartlepool	Dec. 19	66,750	22							1				
Winnipeg	Dec. 26	118,000	24											
Yokohama	Nov. 30	378,884								4		1		
Do	Dec. 7	378,884								3	1	3		
Zanzibar	Nov. 21	75,000	24	6										

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.



